

Figure 44: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Arithmetic Reasoning

Table 10: Frequency Distribution and Chi-square Analysis for
California Achievement Test - Arithmetic Fundamentals

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	22	89	12	4	8	135
9	15	37	8	7	3	70
8	16	34	11	2	1	64
7	24	44	7	7	4	86
6	20	30	7	6	7	70
5	15	22	4	5	9	55
4	53	66	25	23	17	184
3	26	20	5	12	7	70
2	48	27	6	12	12	105
1	12	6	0	9	3	30
Column Totals (N)	251	375	85	87	71	869

DF = 36 Chi-square = 113.08 Probability = 0.001^a

^aProbability of exceeding the chi-square value by chance.

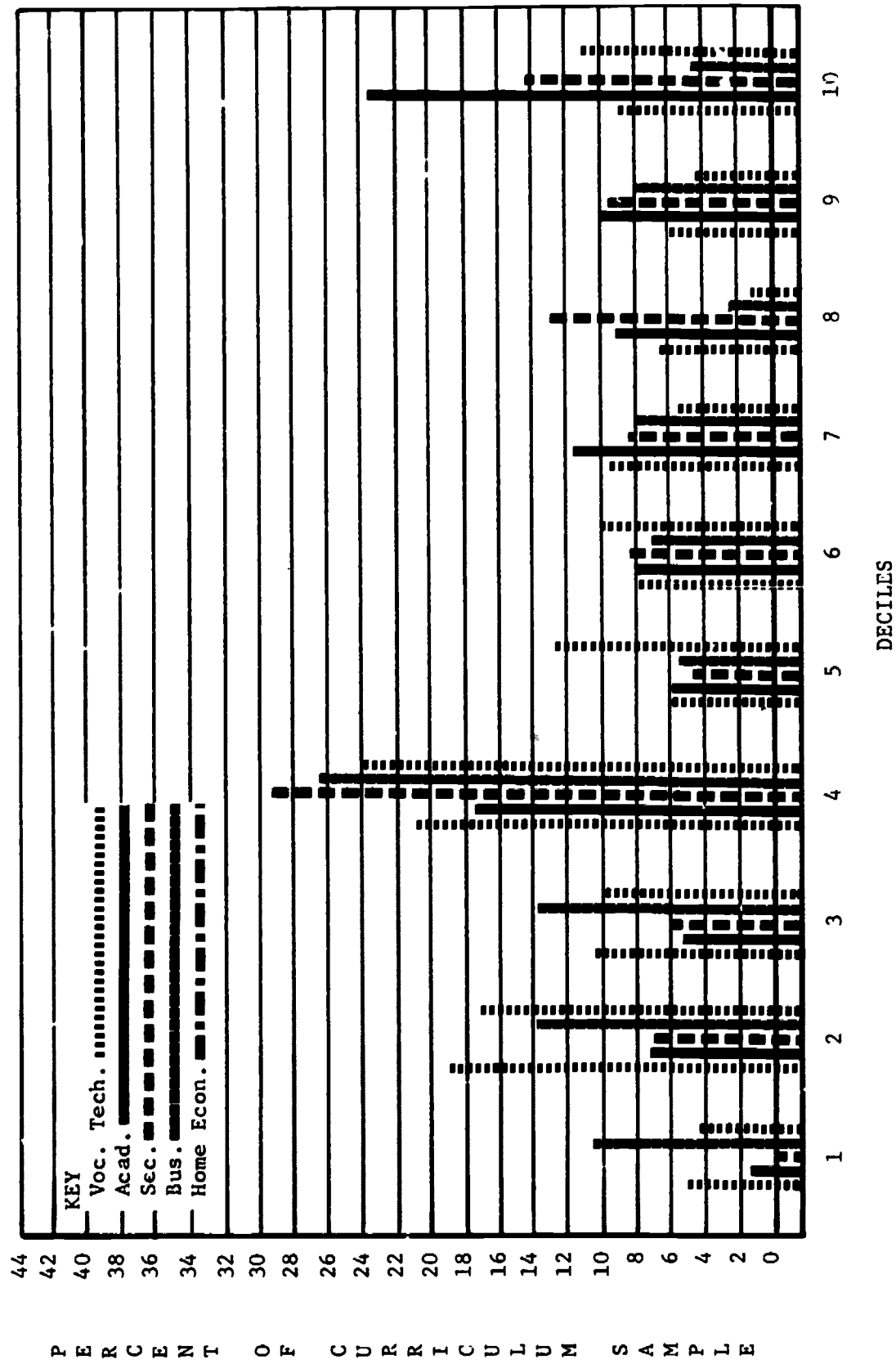


Figure 45: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Arithmetic Fundamentals

Table 11: Frequency Distribution and Chi-square Analysis for
California Achievement Test - Total Arithmetic

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	15	63	9	2	4	93
9	3	12	7	0	3	25
8	1	7	4	0	1	13
7	16	31	11	4	3	65
6	14	16	4	1	2	37
5	10	11	7	3	2	33
4	15	26	11	11	5	68
3	11	17	2	3	5	38
2	14	5	2	2	3	29
1	3	2	1	2	2	10
Column Totals (N)	102	193	58	28	30	411
DF = 36 Chi-square = 68.98 Probability = 0.001 ^a						

^aProbability of exceeding the Chi-square value by chance.

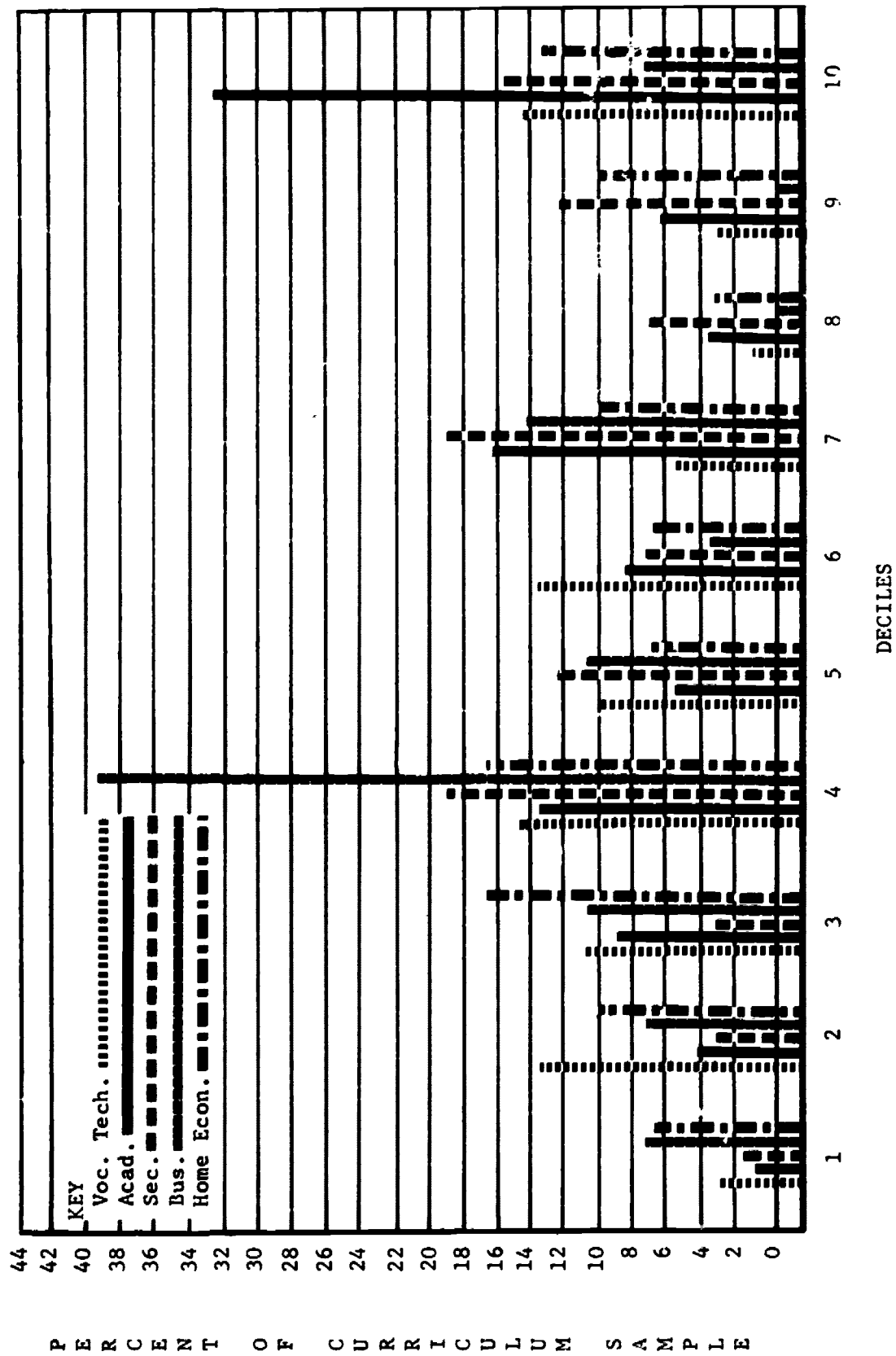


Figure 46: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Total Arithmetic

Table 12: Frequency Distribution and Chi-square Analysis for
California Achievement Test - Mechanics of English

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	48	189	39	17	20	313
9	18	38	8	15	6	85
8	25	46	9	12	9	101
7	31	35	12	14	14	106
6	35	28	5	7	4	79
5	27	12	5	6	1	51
4	24	11	4	7	8	54
3	27	9	2	6	6	50
2	7	4	0	3	3	17
1	8	3	1	0	0	12
Column Totals (N)	250	375	85	87	71	868
DF = 36 Chi-square = 145.53 Probability = 0.001 ^a						

^aProbability of exceeding the chi-square value by chance.

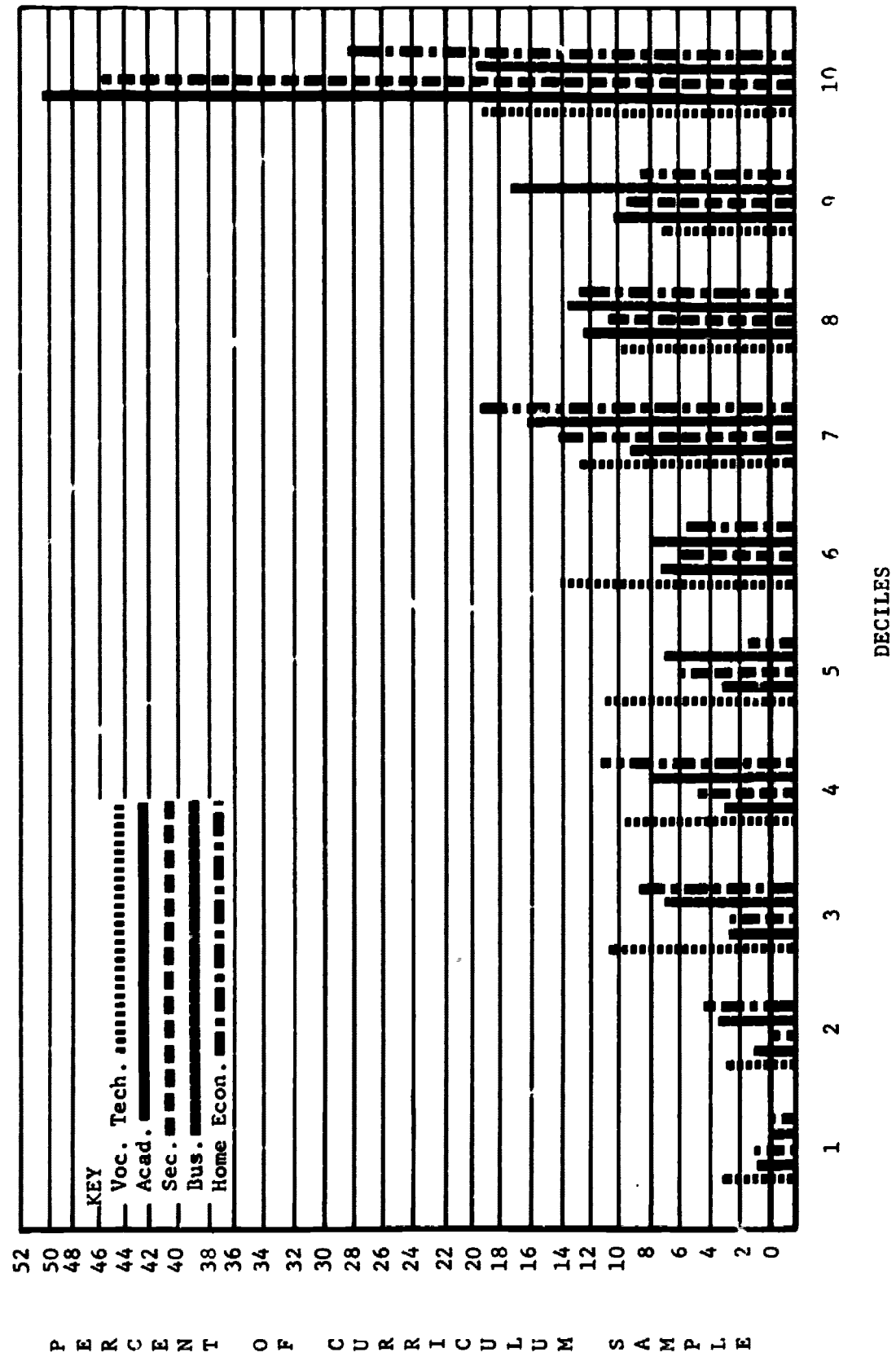


Figure 47: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Mechanics of English

Table 13: Frequency Distribution and Chi-square Analysis for
California Achievement Test - Spelling

Deciles	Voc. Tech.	Acad.	Sec.	Pus.	Home Econ.	Row Totals
10	18	79	16	9	14	136
9	31	89	21	16	13	170
8	16	28	13	4	3	64
7	27	48	13	12	6	106
6	0	0	0	0	0	0
5	34	40	7	14	10	105
4	35	38	9	10	6	98
3	40	27	4	14	9	94
2	35	21	2	5	6	69
1	15	5	0	3	4	27
Column Totals (N)	251	375	85	87	71	869
DF = 36 Chi-square = 98.89 Probability = 0.001 ^a						

^aProbability of exceeding the chi-square value by chance.

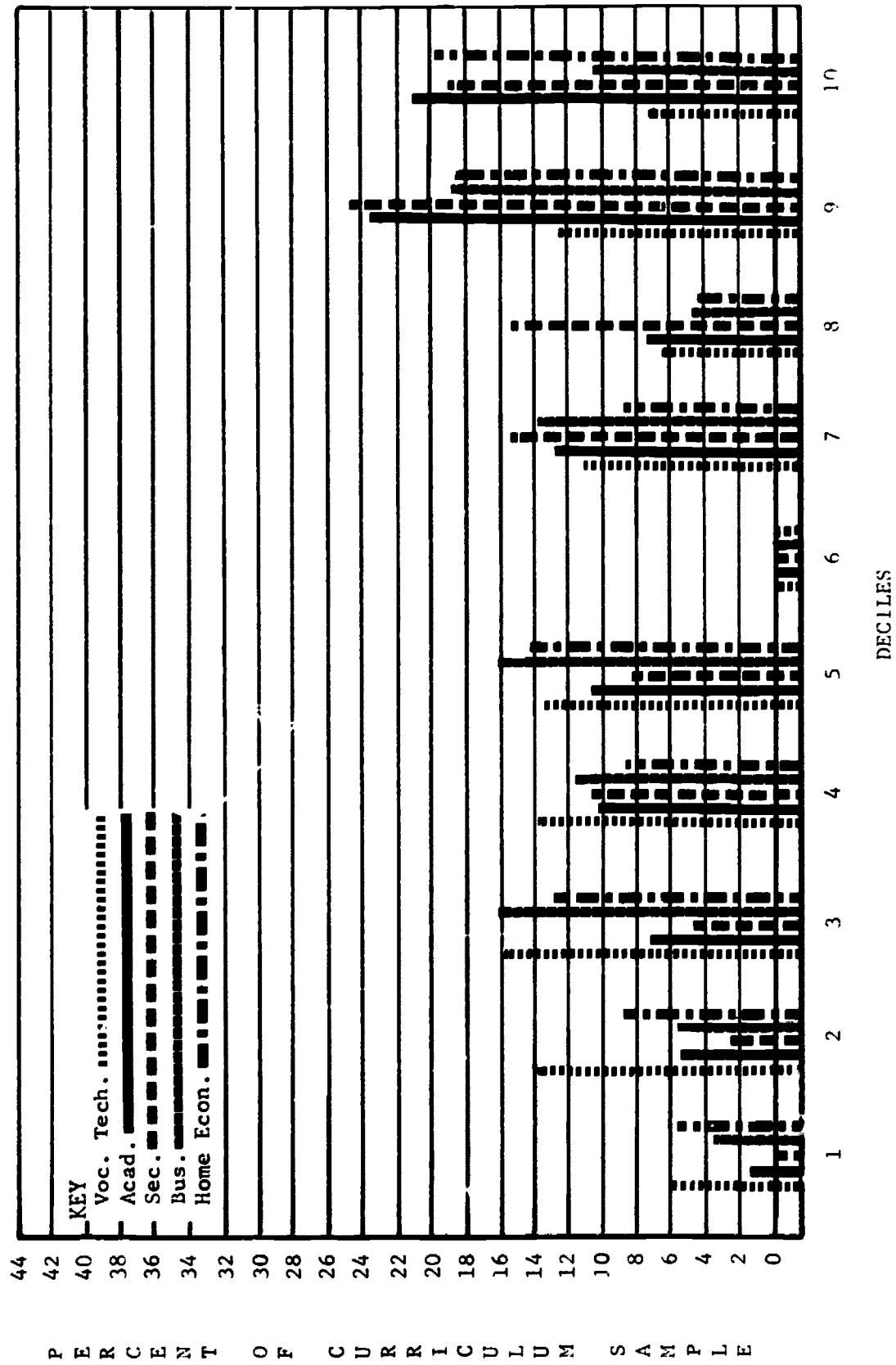


Figure 48: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Spelling

Table 14: Frequency Distribution and Chi-square Analysis for
California Achievement Test - Total Language

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	9	78	21	6	9	123
9	7	24	14	2	6	53
8	10	23	5	2	3	43
7	13	21	5	4	1	44
6	9	10	4	3	0	26
5	11	7	1	3	2	24
4	21	13	6	5	1	46
3	12	8	2	2	2	26
2	7	7	0	1	6	21
1	3	2	0	0	0	5
Column Totals (N)	102	193	58	28	30	411
DF = 36 Chi-square = 93.35 Probability = 0.001 ^a						

^aProbability of exceeding the chi-square value by chance.

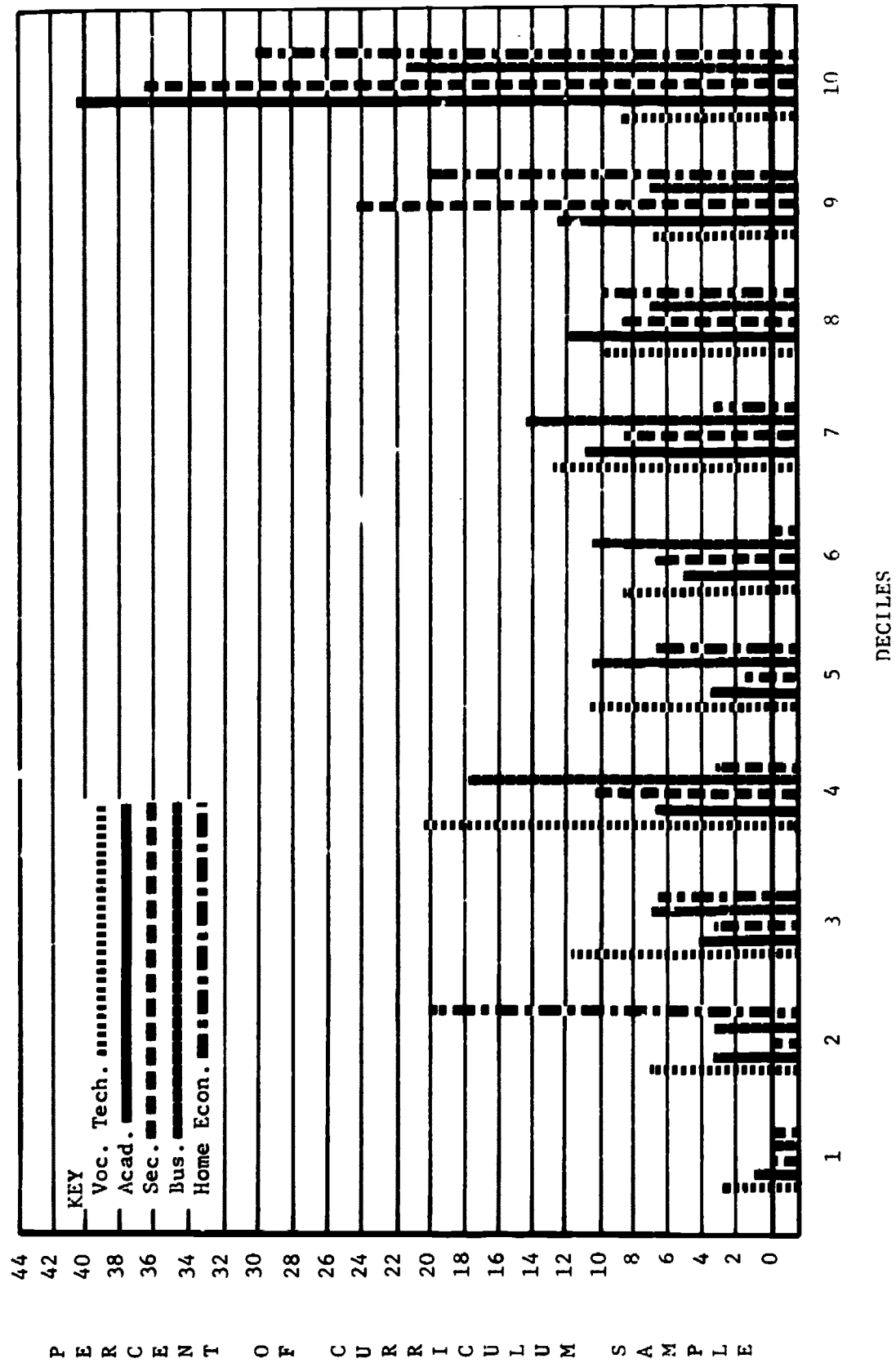


Figure 49: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Total Language

Table 15: Frequency Distribution and Chi-square Analysis for
California Achievement Test - Total

Deciles	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
10	45	126	25	7	13	216
9	20	68	9	9	8	114
8	10	25	10	3	2	50
7	27	40	13	11	7	98
6	23	29	9	11	4	76
5	21	16	5	8	5	55
4	31	22	6	15	10	84
3	15	9	6	8	5	43
2	29	13	1	8	8	59
1	10	4	0	2	4	20
Column Totals (N)	231	352	84	82	66	815
$DF = 36$ $Chi\text{-}square = 117.15$ $Probability = 0.001^a$						

^aProbability of exceeding the chi-square value by chance.

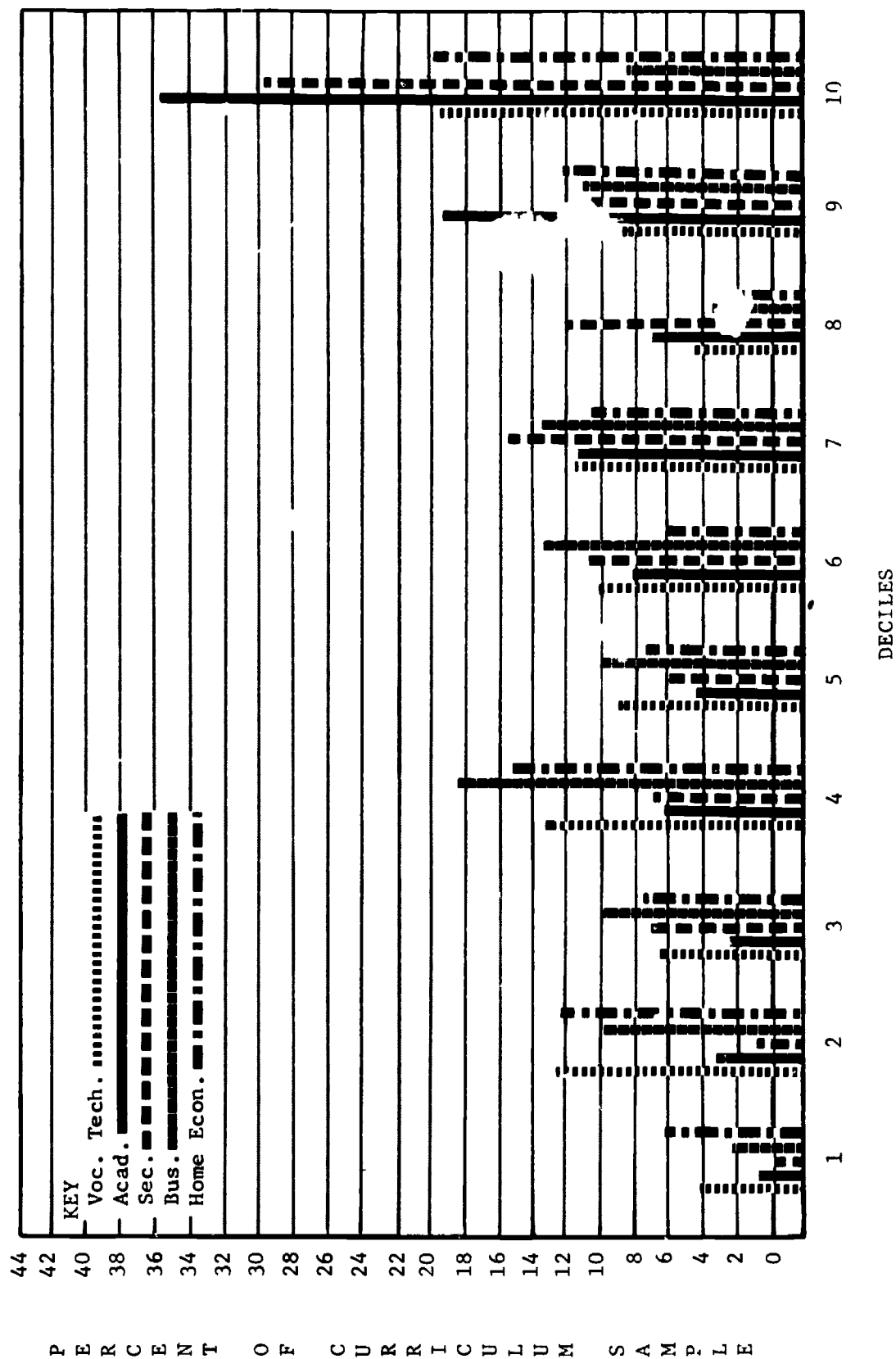


Figure 50: Percentage Distribution of Curriculum Samples by Deciles on the CAT--Total

Table 16: Frequency Distribution and Chi-square Analysis for Father's Educational Level

Father's Ed. Level	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
0 thru 5 yrs.	1	2	1	1	0	5
6 thru 8 yrs.	33	22	10	15	11	91
9 thru 11 yrs.	73	61	14	24	17	189
H.S. Grad.	153	201	57	46	38	495
13 thru 15 yrs.	8	54	6	5	7	80
Col. Grad.	13	33	3	3	3	55
Grad. Work	4	18	1	1	4	28
Column Totals (N)	285	391	92	95	80	943
DF = 28 Chi-square = 74.94 Probability = 0.001 ^a						

Table 17: Frequency Distribution and Chi-square Analysis for Father's Occupational Level

Father's Occ. Level	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
1	1	8	1	0	1	11
2	9	25	0	3	5	42
3	35	98	16	16	10	175
4	104	109	31	26	21	291
5	116	131	40	45	30	362
6	13	11	6	3	6	39
Retired	8	1	1	1	3	14
Unemployed	1	9	1	2	0	13
Column Totals (N)	287	392	96	96	76	947
DF = 28 Chi-square = 63.93 Probability = 0.001 ^a						

^aThe probability of exceeding the chi-square value by chance.

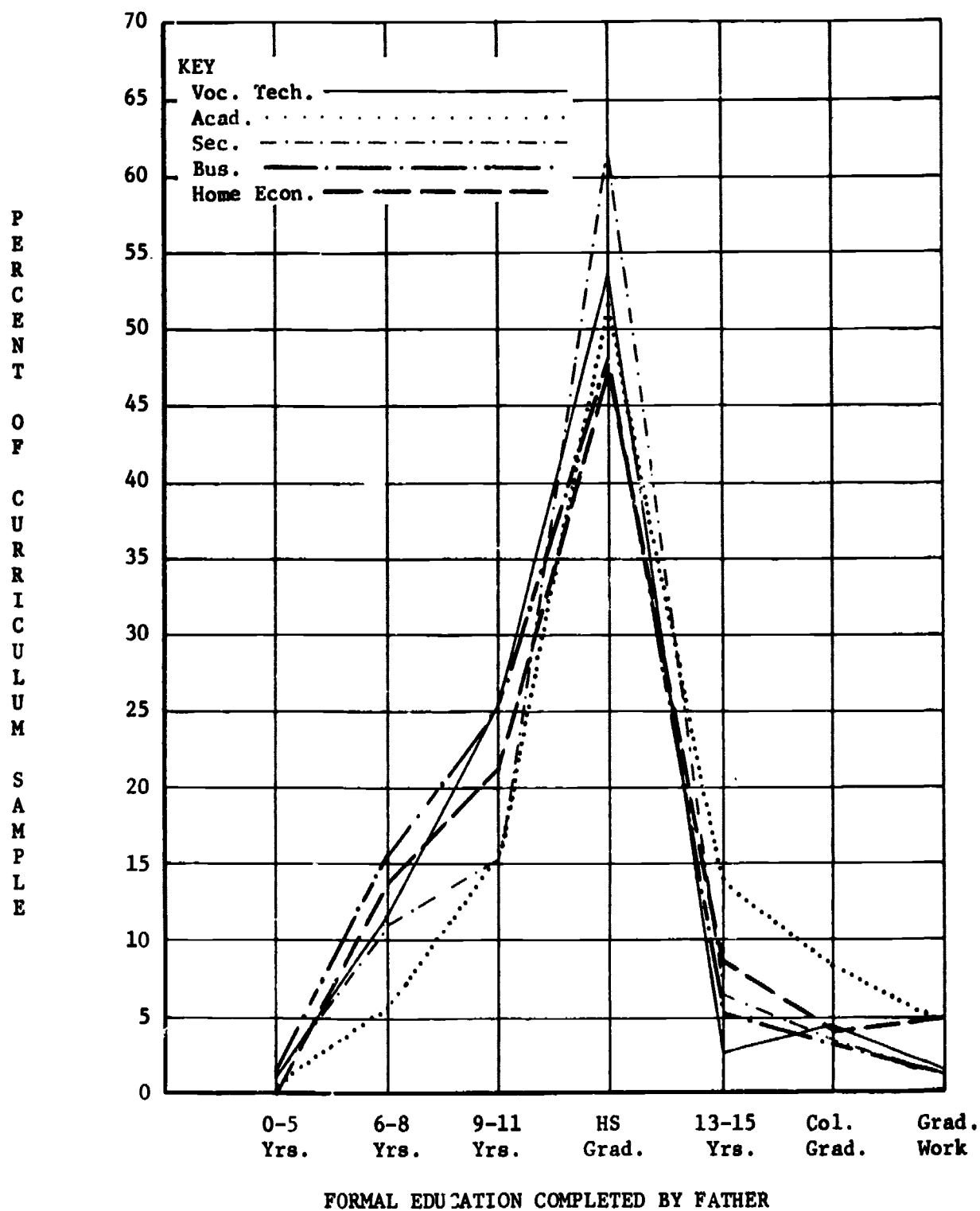


Figure 51: Percentage Distribution of Curriculum Samples by Father's Educational Level

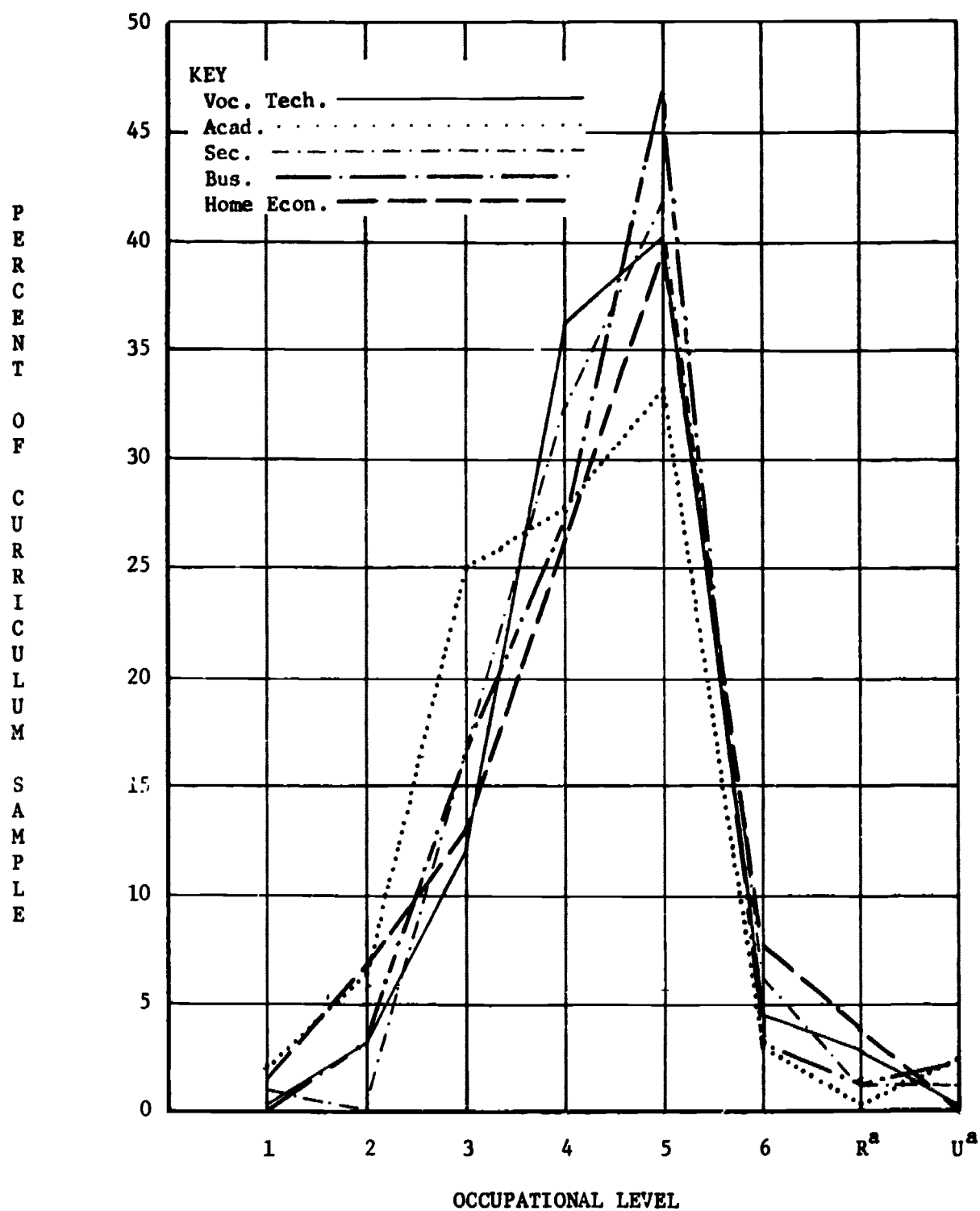


Figure 52: Percentage Distribution of Curriculum Samples by Father's Occupational Level

^aCategories "R" and "U" represent Retired and Unemployed.

Table 18: Frequency Distribution and Chi-square Analysis for
Mother's Educational Level

Mother's Ed. Level	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
0 thru 5 yrs.	0	0	0	1	0	1
6 thru 8 yrs.	15	10	7	5	7	44
9 thru 11 yrs.	62	58	18	30	26	194
H.S. Grad.	192	257	60	62	43	614
13 thru 15 yrs.	13	46	9	2	3	73
Col. Grad.	6	26	1	1	2	36
Grad. Work	2	10	1	0	2	15
Column Totals (N)	290	407	96	101	83	977
DF = 24 Chi-square = 74.41 Probability = 0.001 ^a						

Table 19: Frequency Distribution and Chi-square Analysis for
Mother's Occupational Level

Mother's Occ. Level	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
1	0	2	0	0	0	2
2	12	33	1	1	0	47
3	9	18	3	1	3	34
4	47	62	16	12	5	142
5	33	44	16	14	8	115
6	197	252	64	75	67	655
Retired	1	0	0	0	0	1
Unemployed	0	1	1	0	0	2
Column Totals (N)	299	412	101	103	83	998
DF = 28 Chi-square = 45.09 Probability = 0.022 ^a						

^aThe probability of exceeding the chi-square value by chance.

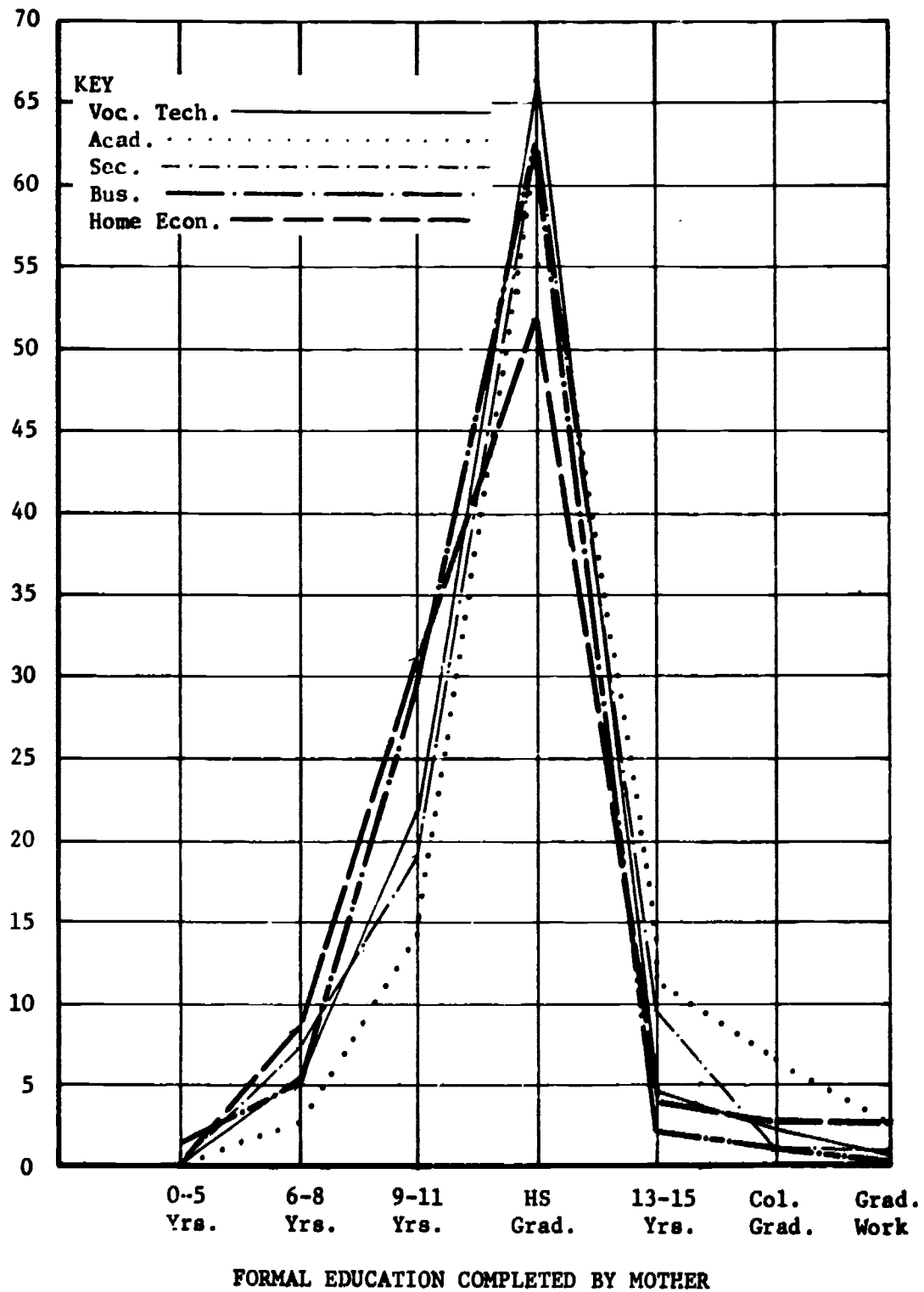


Figure 53: Percentage Distribution of Curriculum Samples by Mother's Educational Level

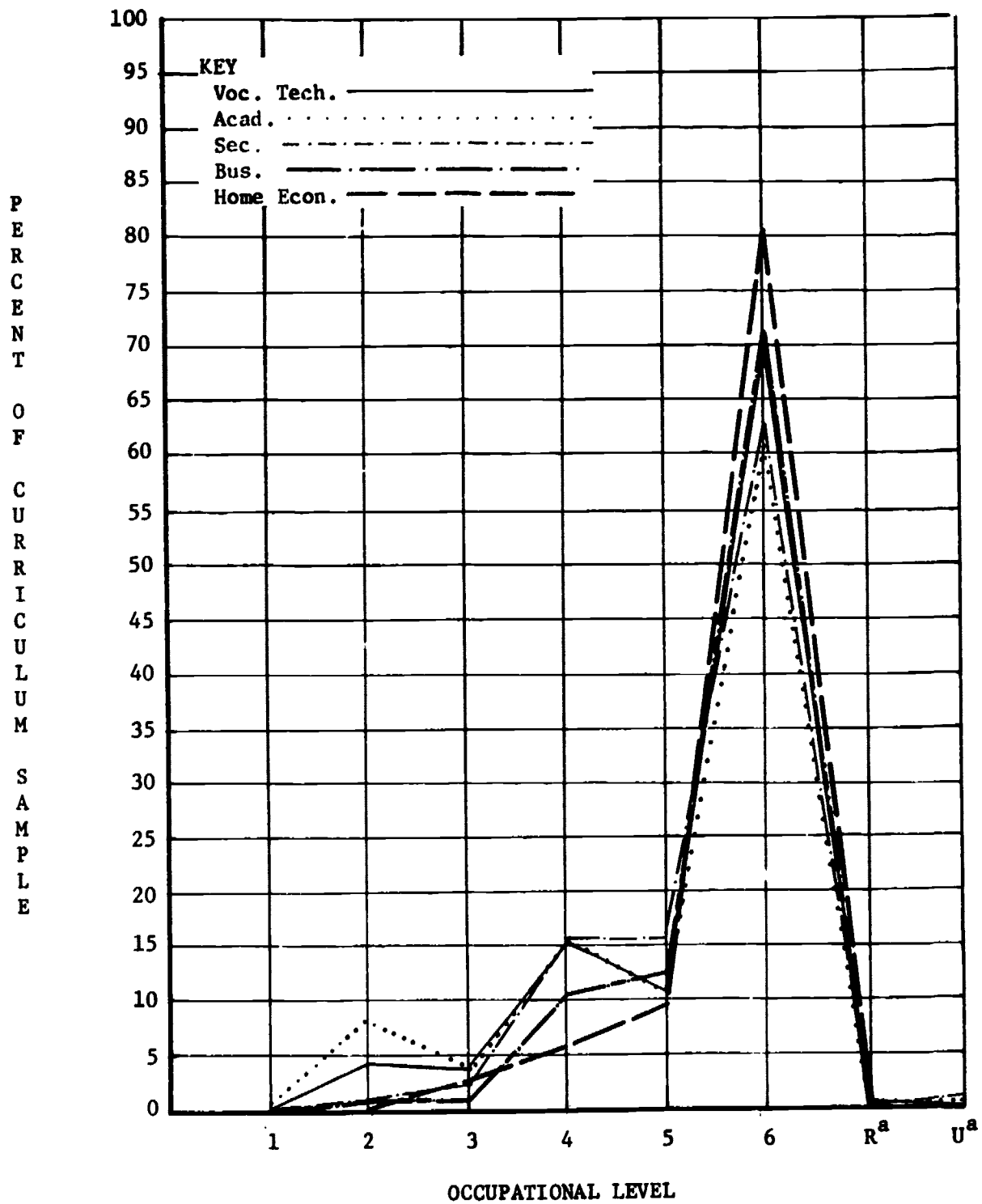


Figure 54: Percentage Distribution of Curriculum Samples by Mother's Occupational Level

^aCategories "R" and "U" represent Retired and Unemployed.

Table 20: Frequency Distribution and Chi-square Analysis for Family Income

Total Family Income Ranges	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
Did not know/ did not wish to respond	166	233	75	85	65	624
0 to \$2999	3	5	0	0	3	11
\$3000 to \$5999	30	13	8	3	5	59
\$6000 to \$8999	53	58	8	11	6	136
\$9000 +	52	109	11	5	5	182
Column Totals (N)	304	418	102	104	84	1012
DF = 16	Chi-square = 84.72		Probability = 0.001 ^a			

Table 21: Frequency Distribution and Chi-square Analysis for Sex

Sex	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
Male	298	208	2	10	2	520
Female	14	214	102	96	85	511
Column Totals (N)	312	422	104	106	87	1031
DF = 4	Chi-square = 503.67		Probability = 0.001 ^a			

^aThe probability of exceeding the chi-square value by chance.

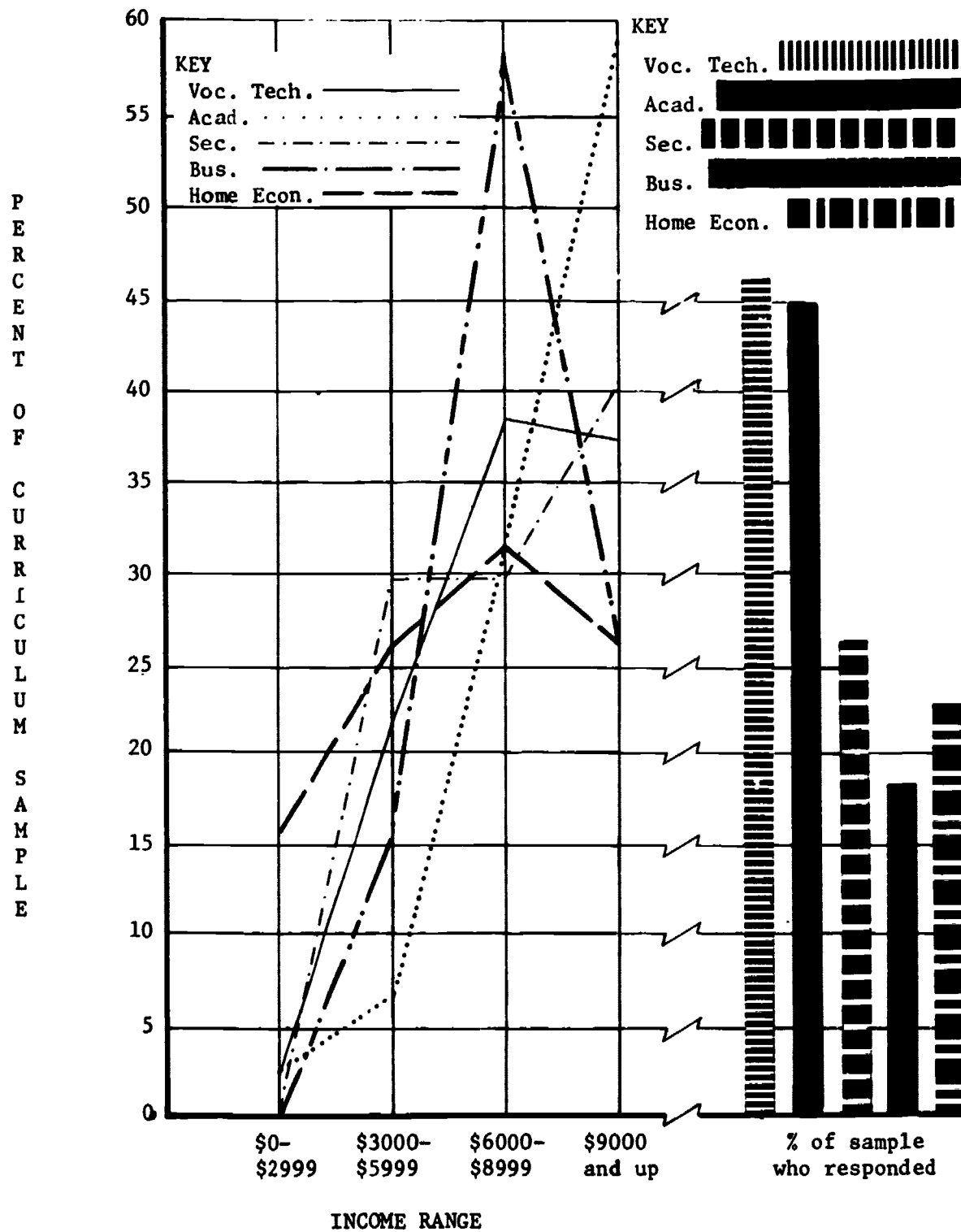


Figure 55: Percentage Distribution of Curriculum Samples by Income

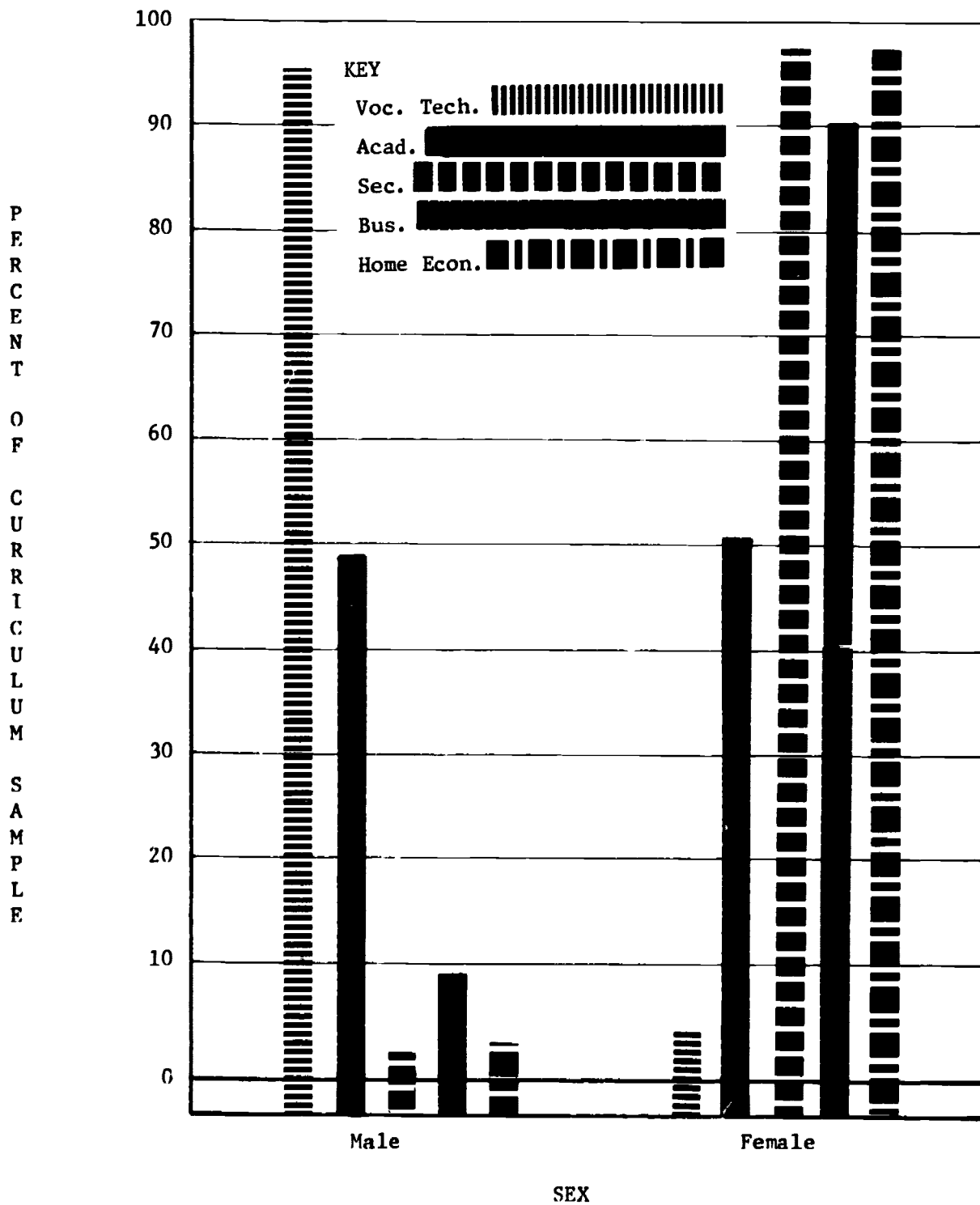


Figure 56: Percentage Distribution of Curriculum Samples by Sex

Table 22: Frequency Distribution and Chi-square Analysis for Birth Order

Order of Birth ^a	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
1	105	128	29	24	24	310
2	85	134	32	30	24	305
3	62	90	27	27	15	221
4	31	36	9	10	8	94
5	11	21	3	10	2	47
6	10	6	1	1	8	26
7	3	4	2	2	3	14
8	2	0	0	1	1	4
9	1	2	0	0	2	5
10	0	1	0	0	0	1
11	0	0	0	1	0	1
12	1	0	0	0	0	1
Column Total (N)	311	422	103	106	87	1029
DF = 44 Chi-square = 64.80 Probability = 0.002 ^b						

^aThree cases where the subject was the thirteenth child or higher in his family were not included in the table.

^bThe probability of exceeding the chi-square value by chance.

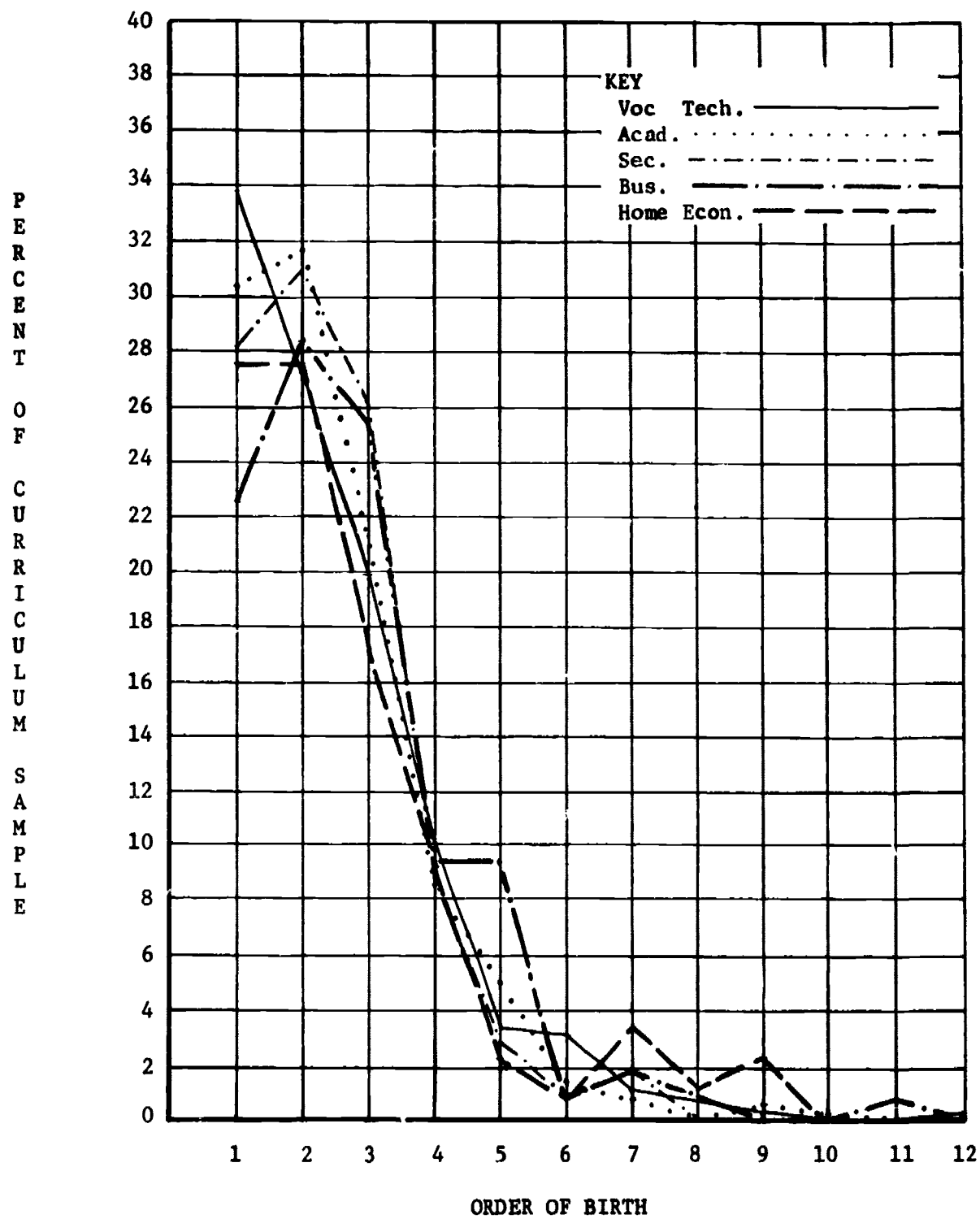


Figure 57: Percentage Distribution of Curriculum Samples by Birth Order

Table 23: Frequency Distribution and Chi-square Analysis for
Number of Children in the Family

Number of Children ^a	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
1	23	19	5	5	3	55
2	58	97	17	20	10	202
3	60	100	34	23	26	243
4	55	84	20	18	12	189
5	52	64	13	14	10	153
6	26	30	5	12	10	83
7	17	10	5	4	4	40
8	8	10	2	4	4	28
9	4	3	2	3	2	14
10	2	3	0	0	1	6
11	3	2	0	1	5	11
12	0	0	0	2	0	2
13	1	0	1	0	0	2
Column Totals (N)	309	422	104	106	87	1028
DF = 48 Chi-square = 80.71 Probability = 0.002 ^b						

^aFour cases where there were more than 13 children in the family were not included in the table.

^bThe probability of exceeding the chi-square value by chance.

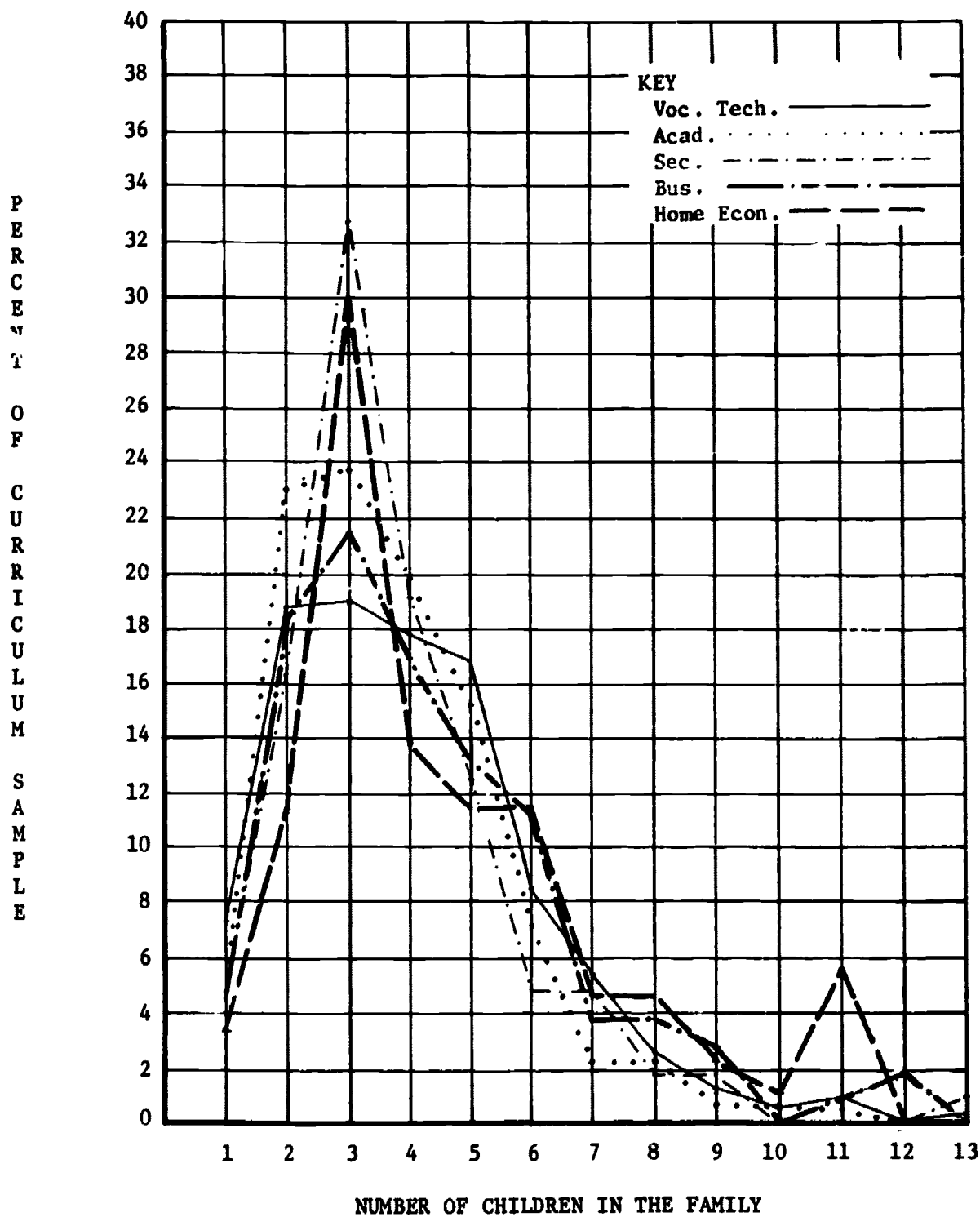


Figure 58: Percentage Distribution of Curriculum Samples by Total Number of Children in the Family

Table 24: Frequency Distribution and Chi-square Analysis for
Number of Hobbies and Interests

Number of Activities	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
0	10	9	1	3	2	25
1	32	41	4	11	6	94
2	68	78	31	28	18	223
3	50	94	24	30	24	222
4	56	91	25	23	21	216
5	47	50	12	5	8	122
6	29	33	4	3	6	75
7	11	16	2	3	0	32
8	4	8	0	0	2	
9	2	2	1	0	0	5
10	1	0	0	0	0	1
11	1	0	0	0	0	1
12	1	0	0	0	0	1
Column Totals (N)	312	422	104	106	87	1031

DF = 48

Chi-square = 54.51

Probability = 0.240^a

^aThe probability of exceeding the chi-square value by chance.

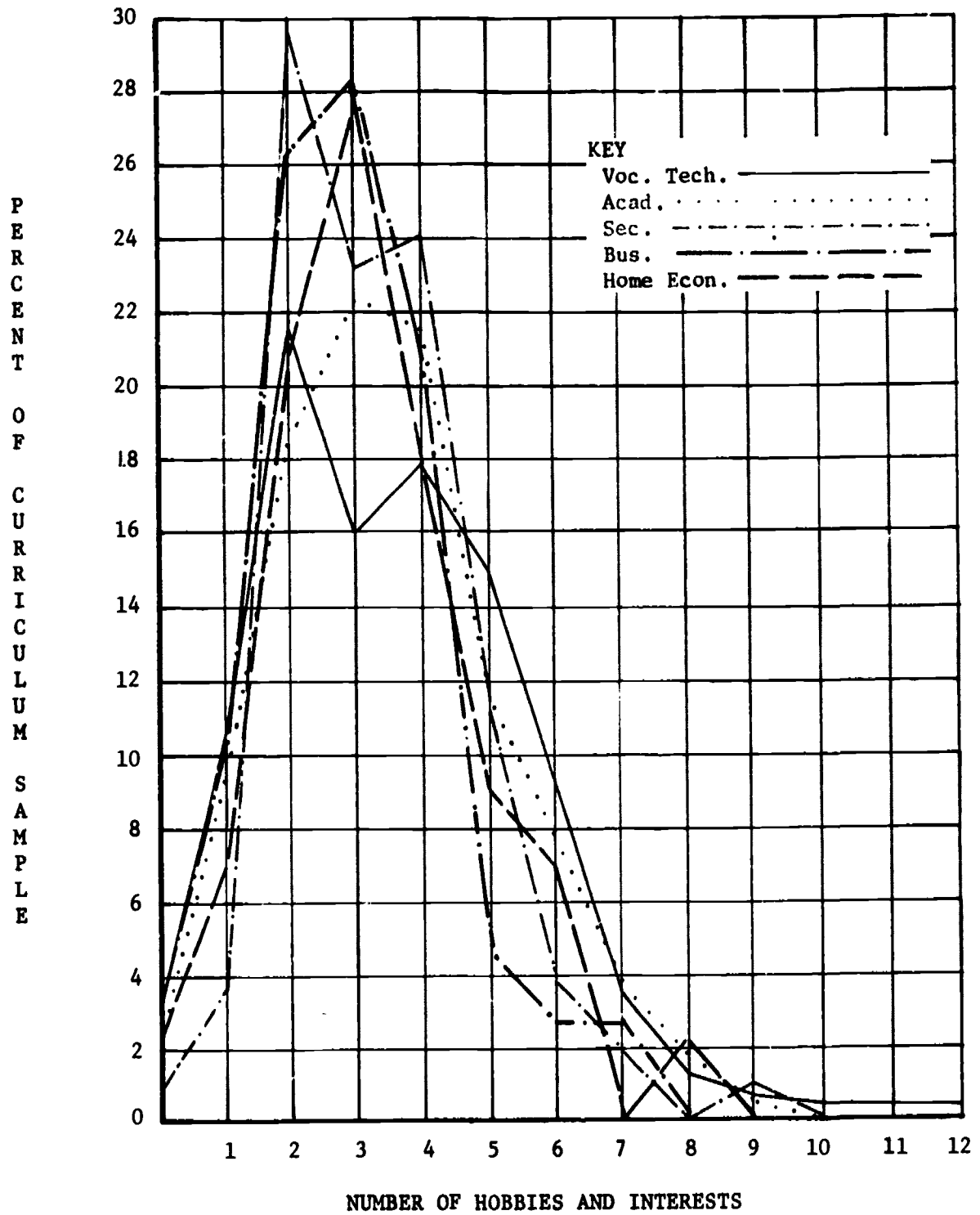


Figure 59: Percentage Distribution of Curriculum Samples by Number of Hobbies and Interests

Table 25: Frequency Distribution and Chi-square Analysis for Idealistic Education Plans

Plan to Attend College	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
Yes	146	346	43	34	41	610
No	151	65	60	69	42	387
Column Totals (N)	297	411	103	103	83	997
DF = 4 Chi-square = 165.31 Probability = 0.001 ^a						

Table 26: Frequency Distribution and Chi-square Analysis for Realistic Education Plans

Plan to Attend College	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
Yes	116	278	30	19	22	465
No	171	106	71	84	60	492
Column Totals (N)	287	384	101	103	82	957
DF = 4 Chi-square = 162.22 Probability = 0.001 ^a						

^aThe probability of exceeding the chi-square value by chance.

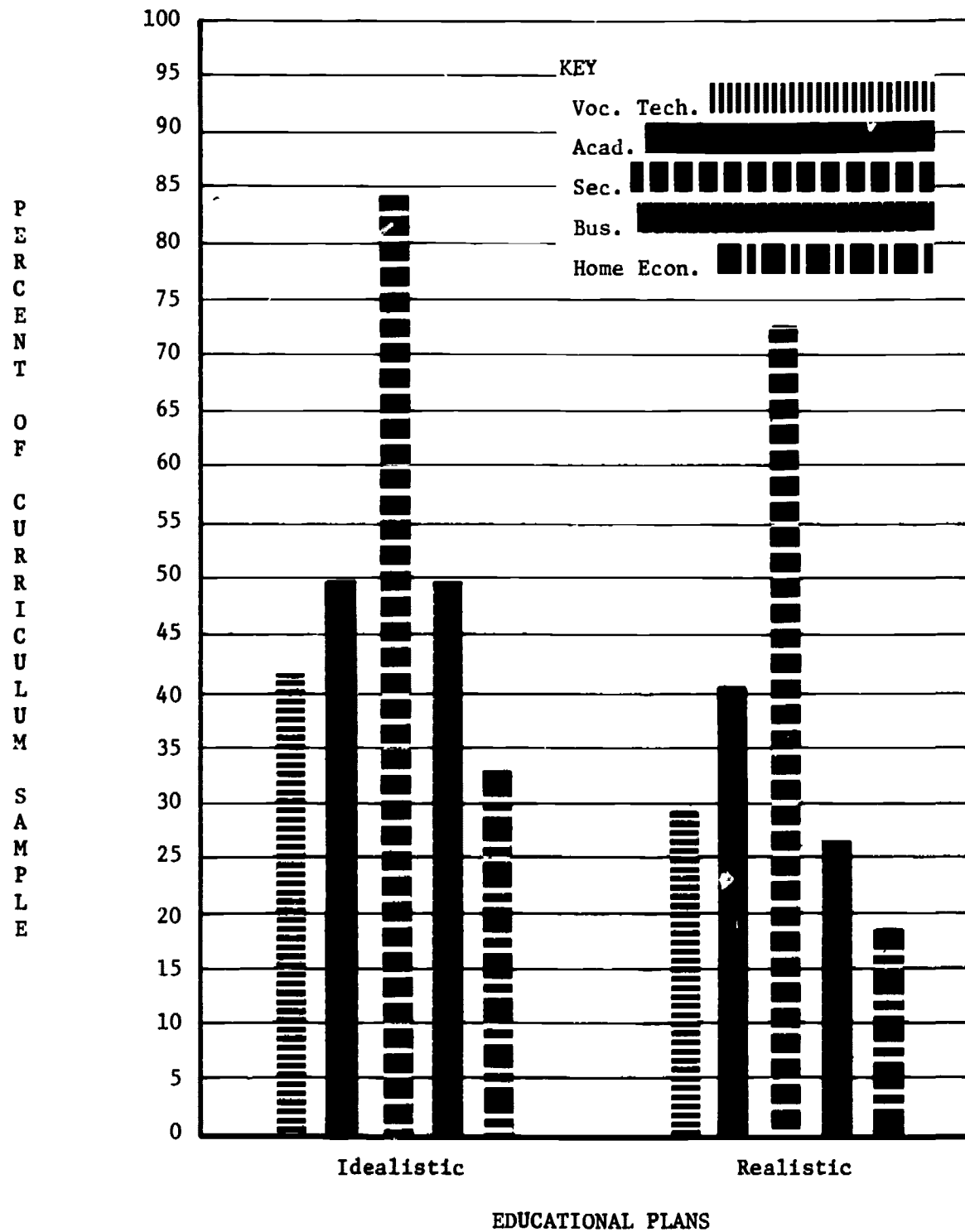


Figure 60: Percentage Distribution of Curriculum Samples by Educational Plans

Table 27: Frequency Distribution and Chi-square Analysis for Grades Repeated

Grades Repeated	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
None	209	367	91	81	61	809
1st thru 3rd	36	20	2	11	10	79
4th thru 6th	21	5	2	6	7	41
7th thru 9th	11	4	1	3	2	21
More than one grade	10	1	0	1	0	12
Column Totals (N)	287	397	96	102	80	962
DF = 16 Chi-square = 72.27 Probability = 0.001 ^a						

Table 28: Frequency Distribution and Chi-square Analysis for Personal Traits

Traits ^b	Voc. Tech.	Acad.	Sec.	Bus.	Home Econ.	Row Totals
5	12	80	14	3	8	117
4	32	78	24	9	5	148
3	177	133	55	55	42	512
2	25	19	2	6	5	57
1	8	3	1	0	1	13
Column Totals (N)	254	363	96	73	61	847
DF = 16 Chi-square = 80.37 Probability = 0.001 ^a						

^aThe probability of exceeding the chi-square value by chance.

^bThe values 5 to 1 represent a scale from high to low on the relative strength of the subject's personal traits as judged by his teachers.

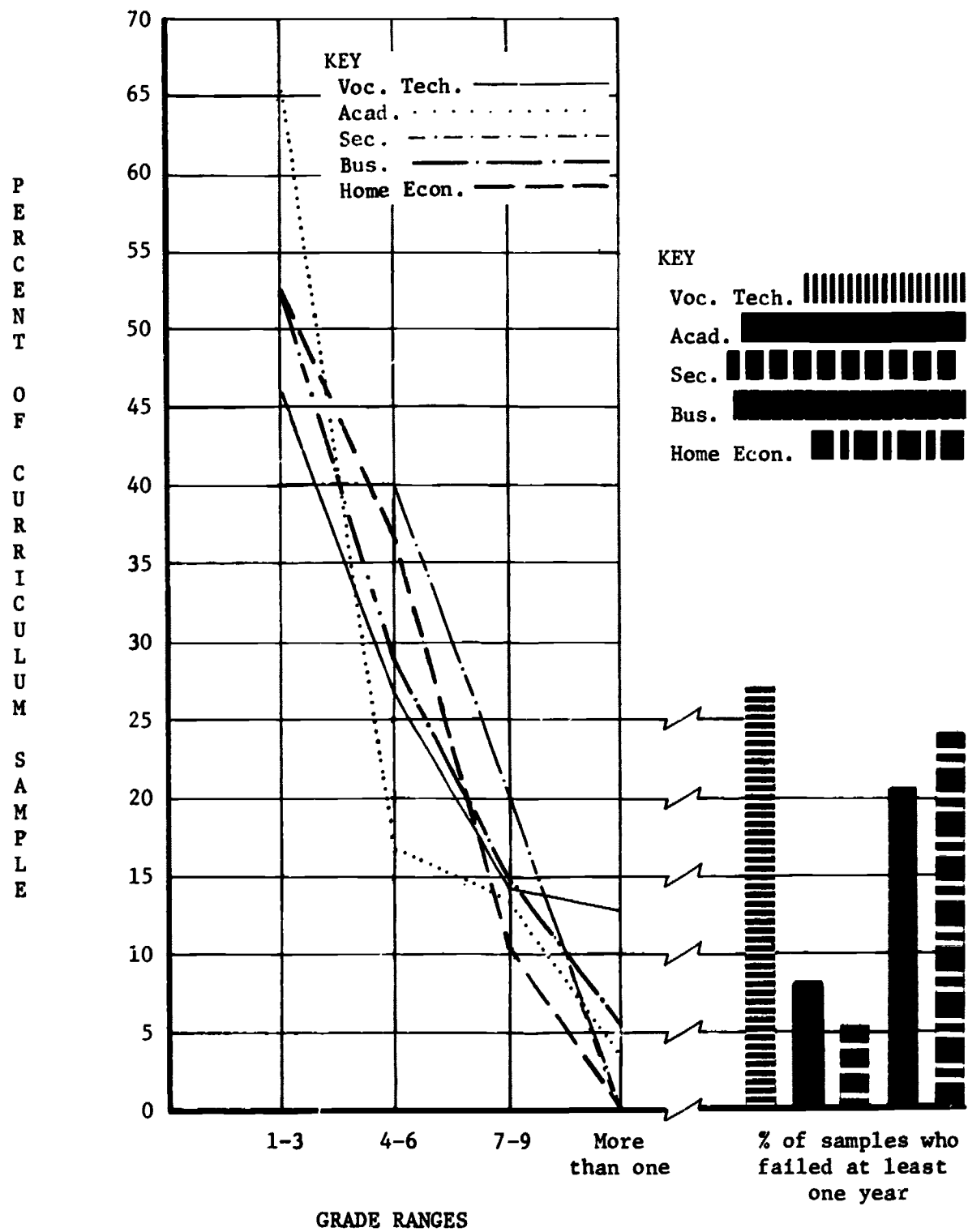


Figure 61: Percentage Distribution of Curriculum Samples by Grades Repeated

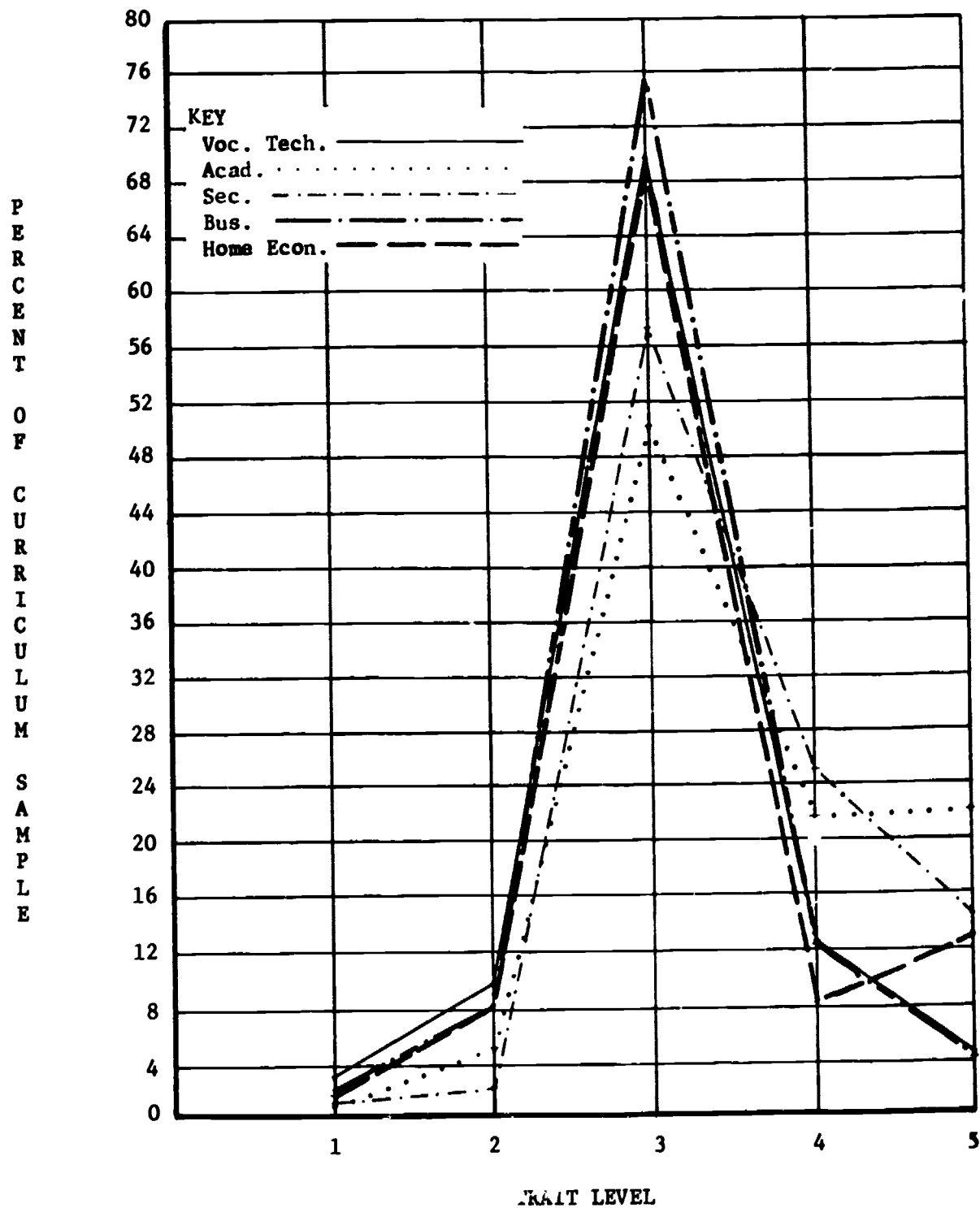


Figure 62: Percentage Distribution of Curriculum Samples by Level of Personal Traits

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